

June 30, 2021

Derek Ingram  
XDD, LLC  
11171 Forest Haven Road  
Festus, MO 63028  
TEL: (314) 609-3065  
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

**RE:** Ameren Huster Road GW

**WorkOrder:** 21061465

Dear Derek Ingram:

TEKLAB, INC received 5 samples on 6/23/2021 12:15:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Elizabeth A. Hurley  
Project Manager  
(618)344-1004 ex 33  
[ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

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### Abbr Definition

\* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count ( > 200 CFU )

## Definitions

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

### Qualifiers

- |   |  |
|---|--|
| # - Unknown hydrocarbon                               | B - Analyte detected in associated Method Blank              |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range                           |
| H - Holding times exceeded                            | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits        | M - Manual Integration used to determine area response       |
| ND - Not Detected at the Reporting Limit              | R - RPD outside accepted recovery limits                     |
| S - Spike Recovery outside recovery limits            | T - TIC(Tentatively identified compound)                     |
| X - Value exceeds Maximum Contaminant Level           |  |



## Case Narrative

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Client Project:** Ameren Huster Road GW

**Work Order:** 21061465

**Report Date:** 30-Jun-21

**Cooler Receipt Temp:** 5.0 °C

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### Locations

<b>Collinsville</b>	
<b>Address</b>	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
<b>Phone</b>	(618) 344-1004
<b>Fax</b>	(618) 344-1005
<b>Email</b>	jhriley@teklabinc.com

<b>Collinsville Air</b>	
<b>Address</b>	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
<b>Phone</b>	(618) 344-1004
<b>Fax</b>	(618) 344-1005
<b>Email</b>	EHurley@teklabinc.com

<b>Springfield</b>	
<b>Address</b>	3920 Pintail Dr Springfield, IL 62711-9415
<b>Phone</b>	(217) 698-1004
<b>Fax</b>	(217) 698-1005
<b>Email</b>	KKlostermann@teklabinc.com

<b>Chicago</b>	
<b>Address</b>	1319 Butterfield Rd. Downers Grove, IL 60515
<b>Phone</b>	(630) 324-6855
<b>Fax</b>	
<b>Email</b>	arenner@teklabinc.com

<b>Kansas City</b>	
<b>Address</b>	8421 Nieman Road Lenexa, KS 66214
<b>Phone</b>	(913) 541-1998
<b>Fax</b>	(913) 541-1998
<b>Email</b>	jhriley@teklabinc.com

**Client:** XDD, LLC

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**Report Date:** 30-Jun-21

<b>State</b>	<b>Dept</b>	<b>Cert #</b>	<b>NELAP</b>	<b>Exp Date</b>	<b>Lab</b>
Illinois	IIEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2022	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2022	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2022	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

# Laboratory Results

<http://www.teklabinc.com/>
**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-001

**Client Sample ID:** MW-7

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:21	179147
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:21	179147
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:21	179147
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 18:21	179147
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:21	179147
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	06/23/2021 18:21	179147
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:21	179147
Acetone	NELAP	2.4	10.0		ND	µg/L	1	06/23/2021 18:21	179147
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	06/23/2021 18:21	179147
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	06/23/2021 18:21	179147
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Benzene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:21	179147
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-001

**Client Sample ID:** MW-7

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Chloroform	NELAP	0.1	2.0	J	0.2	µg/L	1	06/23/2021 18:21	179147
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:21	179147
cis-1,2-Dichloroethene	NELAP	0.2	2.0	J	0.4	µg/L	1	06/23/2021 18:21	179147
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	06/23/2021 18:21	179147
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	06/23/2021 18:21	179147
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:21	179147
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	06/23/2021 18:21	179147
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
n-Heptane	*	0.2	5.0		ND	µg/L	1	06/23/2021 18:21	179147
n-Hexane	*	1.4	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	06/23/2021 18:21	179147
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 18:21	179147
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	06/23/2021 18:21	179147
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Styrene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:21	179147
Tetrahydrofuran	NELAP	0.8	5.0		5.4	µg/L	1	06/23/2021 18:21	179147
Toluene	NELAP	0.1	2.0	J	0.1	µg/L	1	06/23/2021 18:21	179147
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:21	179147
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:21	179147



## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-001

**Client Sample ID:** MW-7

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 12:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:21	179147
Surr: 1,2-Dichloroethane-d4	*	0	80-120		91.2	%REC	1	06/23/2021 18:21	179147
Surr: 4-Bromofluorobenzene	*	0	80-120		96.9	%REC	1	06/23/2021 18:21	179147
Surr: Dibromofluoromethane	*	0	80-120		97.8	%REC	1	06/23/2021 18:21	179147
Surr: Toluene-d8	*	0	80-120		99.4	%REC	1	06/23/2021 18:21	179147

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-002

**Client Sample ID:** PZ-12

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:48	179147
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:48	179147
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:48	179147
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 18:48	179147
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:48	179147
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	06/23/2021 18:48	179147
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 18:48	179147
Acetone	NELAP	2.4	10.0		ND	µg/L	1	06/23/2021 18:48	179147
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	06/23/2021 18:48	179147
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	06/23/2021 18:48	179147
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Benzene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:48	179147
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-002

**Client Sample ID:** PZ-12

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:48	179147
cis-1,2-Dichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	06/23/2021 18:48	179147
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	06/23/2021 18:48	179147
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:48	179147
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	06/23/2021 18:48	179147
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
n-Heptane	*	0.2	5.0		ND	µg/L	1	06/23/2021 18:48	179147
n-Hexane	*	1.4	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	06/23/2021 18:48	179147
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 18:48	179147
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	06/23/2021 18:48	179147
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Styrene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 18:48	179147
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Toluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 18:48	179147
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 18:48	179147



## Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

Lab ID: 21061465-002

Client Sample ID: PZ-12

Matrix: GROUNDWATER

Collection Date: 06/22/2021 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 18:48	179147
Surr: 1,2-Dichloroethane-d4	*	0	80-120		91.8	%REC	1	06/23/2021 18:48	179147
Surr: 4-Bromofluorobenzene	*	0	80-120		95.5	%REC	1	06/23/2021 18:48	179147
Surr: Dibromofluoromethane	*	0	80-120		97.7	%REC	1	06/23/2021 18:48	179147
Surr: Toluene-d8	*	0	80-120		98.6	%REC	1	06/23/2021 18:48	179147

## Laboratory Results

<http://www.teklabinc.com/>
**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-003

**Client Sample ID:** PZ-2

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:15	179147
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:15	179147
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:15	179147
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 19:15	179147
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:15	179147
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	06/23/2021 19:15	179147
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:15	179147
Acetone	NELAP	2.4	10.0		ND	µg/L	1	06/23/2021 19:15	179147
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	06/23/2021 19:15	179147
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	06/23/2021 19:15	179147
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Benzene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:15	179147
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147



## Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

Lab ID: 21061465-003

Client Sample ID: PZ-2

Matrix: GROUNDWATER

Collection Date: 06/22/2021 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:15	179147
cis-1,2-Dichloroethene	NELAP	0.2	2.0	J	0.2	µg/L	1	06/23/2021 19:15	179147
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	06/23/2021 19:15	179147
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	06/23/2021 19:15	179147
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:15	179147
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	06/23/2021 19:15	179147
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
n-Heptane	*	0.2	5.0		ND	µg/L	1	06/23/2021 19:15	179147
n-Hexane	*	1.4	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	06/23/2021 19:15	179147
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 19:15	179147
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	06/23/2021 19:15	179147
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Styrene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:15	179147
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Toluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:15	179147
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:15	179147



## Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

Lab ID: 21061465-003

Client Sample ID: PZ-2

Matrix: GROUNDWATER

Collection Date: 06/22/2021 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:15	179147
Surr: 1,2-Dichloroethane-d4	*	0	80-120		90.8	%REC	1	06/23/2021 19:15	179147
Surr: 4-Bromofluorobenzene	*	0	80-120		95.1	%REC	1	06/23/2021 19:15	179147
Surr: Dibromofluoromethane	*	0	80-120		98.3	%REC	1	06/23/2021 19:15	179147
Surr: Toluene-d8	*	0	80-120		99.1	%REC	1	06/23/2021 19:15	179147

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-004

**Client Sample ID:** PZ-3

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 15:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:42	179147
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:42	179147
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:42	179147
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 19:42	179147
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:42	179147
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	06/23/2021 19:42	179147
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 19:42	179147
Acetone	NELAP	2.4	10.0		ND	µg/L	1	06/23/2021 19:42	179147
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	06/23/2021 19:42	179147
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	06/23/2021 19:42	179147
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Benzene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:42	179147
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-004

**Client Sample ID:** PZ-3

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 15:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:42	179147
cis-1,2-Dichloroethene	NELAP	0.2	2.0		2.6	µg/L	1	06/23/2021 19:42	179147
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	06/23/2021 19:42	179147
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	06/23/2021 19:42	179147
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:42	179147
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	06/23/2021 19:42	179147
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
n-Heptane	*	0.2	5.0		ND	µg/L	1	06/23/2021 19:42	179147
n-Hexane	*	1.4	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	06/23/2021 19:42	179147
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Pentachloroethane	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 19:42	179147
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	06/23/2021 19:42	179147
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Styrene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 19:42	179147
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Toluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 19:42	179147
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 19:42	179147



## Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

Lab ID: 21061465-004

Client Sample ID: PZ-3

Matrix: GROUNDWATER

Collection Date: 06/22/2021 15:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Vinyl chloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 19:42	179147
Surr: 1,2-Dichloroethane-d4	*	0	80-120		91.5	%REC	1	06/23/2021 19:42	179147
Surr: 4-Bromofluorobenzene	*	0	80-120		96.3	%REC	1	06/23/2021 19:42	179147
Surr: Dibromofluoromethane	*	0	80-120		98.2	%REC	1	06/23/2021 19:42	179147
Surr: Toluene-d8	*	0	80-120		98.1	%REC	1	06/23/2021 19:42	179147

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-005

**Client Sample ID:** PZ-11

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,1,1,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1,1-Trichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1,2,2-Tetrachloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1,2-Trichloro-1,2,2-trifluoroethane	*	0.4	5.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1,2-Trichloroethane	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 20:08	179147
1,1-Dichloro-2-propanone	*	2.7	30.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,1-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2,3-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2,3-Trichloropropane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2,3-Trimethylbenzene	*	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2,4-Trichlorobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2,4-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2-Dibromo-3-chloropropane	NELAP	0.3	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2-Dibromoethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2-Dichloroethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,3,5-Trimethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,3-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,3-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1,4-Dichlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
1-Chlorobutane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 20:08	179147
2,2-Dichloropropane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
2-Butanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 20:08	179147
2-Chloroethyl vinyl ether	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 20:08	179147
2-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
2-Hexanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 20:08	179147
2-Nitropropane	NELAP	1.1	10.0		ND	µg/L	1	06/23/2021 20:08	179147
4-Chlorotoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
4-Methyl-2-pentanone	NELAP	0.4	10.0		ND	µg/L	1	06/23/2021 20:08	179147
Acetone	NELAP	2.4	10.0		ND	µg/L	1	06/23/2021 20:08	179147
Acetonitrile	NELAP	1.4	10.0		ND	µg/L	1	06/23/2021 20:08	179147
Acrolein	NELAP	4.4	20.0		ND	µg/L	1	06/23/2021 20:08	179147
Acrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Allyl chloride	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Benzene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 20:08	179147
Bromobenzene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Bromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Bromodichloromethane	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Bromoform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Bromomethane	NELAP	1.0	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Carbon disulfide	NELAP	0.7	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Carbon tetrachloride	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Chlorobenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Chloroethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Lab ID:** 21061465-005

**Client Sample ID:** PZ-11

**Matrix:** GROUNDWATER

**Collection Date:** 06/22/2021 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Chloroform	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Chloromethane	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Chloroprene	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 20:08	179147
cis-1,2-Dichloroethene	NELAP	0.2	2.0		5.2	µg/L	1	06/23/2021 20:08	179147
cis-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
cis-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Cyclohexanone	*	3.8	20.0		ND	µg/L	1	06/23/2021 20:08	179147
Dibromochloromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Dibromomethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Dichlorodifluoromethane	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Ethyl acetate	NELAP	2.6	10.0		ND	µg/L	1	06/23/2021 20:08	179147
Ethyl ether	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Ethyl methacrylate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Ethylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Hexachlorobutadiene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Hexachloroethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Iodomethane	NELAP	2.6	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Isopropylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
m,p-Xylenes	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Methacrylonitrile	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Methyl Methacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Methyl tert-butyl ether	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Methylacrylate	NELAP	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Methylene chloride	NELAP	0.9	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Naphthalene	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 20:08	179147
n-Butyl acetate	*	0.3	2.0		ND	µg/L	1	06/23/2021 20:08	179147
n-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
n-Heptane	*	0.2	5.0		ND	µg/L	1	06/23/2021 20:08	179147
n-Hexane	*	1.4	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Nitrobenzene	NELAP	10.0	50.0		ND	µg/L	1	06/23/2021 20:08	179147
n-Propylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
o-Xylene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Pentachloroethene	NELAP	0.4	5.0		ND	µg/L	1	06/23/2021 20:08	179147
p-Isopropyltoluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Propionitrile	NELAP	0.9	10.0		ND	µg/L	1	06/23/2021 20:08	179147
sec-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Styrene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
tert-Butylbenzene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Tetrachloroethene	NELAP	0.1	0.5		ND	µg/L	1	06/23/2021 20:08	179147
Tetrahydrofuran	NELAP	0.8	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Toluene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
trans-1,2-Dichloroethene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
trans-1,3-Dichloropropene	NELAP	0.1	2.0		ND	µg/L	1	06/23/2021 20:08	179147
trans-1,4-Dichloro-2-butene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Trichloroethene	NELAP	0.2	2.0		ND	µg/L	1	06/23/2021 20:08	179147
Trichlorofluoromethane	NELAP	0.1	5.0		ND	µg/L	1	06/23/2021 20:08	179147
Vinyl acetate	NELAP	0.3	5.0		ND	µg/L	1	06/23/2021 20:08	179147



## Laboratory Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

Lab ID: 21061465-005

Client Sample ID: PZ-11

Matrix: GROUNDWATER

Collection Date: 06/22/2021 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Vinyl chloride	NELAP	0.1	2.0	J	0.1	µg/L	1	06/23/2021 20:08	179147
Surr: 1,2-Dichloroethane-d4	*	0	80-120		90.3	%REC	1	06/23/2021 20:08	179147
Surr: 4-Bromofluorobenzene	*	0	80-120		95.7	%REC	1	06/23/2021 20:08	179147
Surr: Dibromofluoromethane	*	0	80-120		98.0	%REC	1	06/23/2021 20:08	179147
Surr: Toluene-d8	*	0	80-120		98.8	%REC	1	06/23/2021 20:08	179147

## Sample Summary

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
21061465-001	MW-7	Groundwater	1	06/22/2021 12:40
21061465-002	PZ-12	Groundwater	1	06/22/2021 13:40
21061465-003	PZ-2	Groundwater	1	06/22/2021 14:40
21061465-004	PZ-3	Groundwater	1	06/22/2021 15:30
21061465-005	PZ-11	Groundwater	1	06/22/2021 16:00

## Dates Report

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
		Test Name			
21061465-001A	MW-7	06/22/2021 12:40	06/23/2021 12:15		
		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/23/2021 18:21
21061465-002A	PZ-12	06/22/2021 13:40	06/23/2021 12:15		
		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/23/2021 18:48
21061465-003A	PZ-2	06/22/2021 14:40	06/23/2021 12:15		
		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/23/2021 19:15
21061465-004A	PZ-3	06/22/2021 15:30	06/23/2021 12:15		
		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/23/2021 19:42
21061465-005A	PZ-11	06/22/2021 16:00	06/23/2021 12:15		
		SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			06/23/2021 20:08



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	*	2.0		ND						06/23/2021
1,1,1-Trichloroethane	*	2.0		ND						06/23/2021
1,1,2,2-Tetrachloroethane	*	2.0		ND						06/23/2021
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND						06/23/2021
1,1,2-Trichloroethane	*	0.5		ND						06/23/2021
1,1-Dichloro-2-propanone	*	30.0		ND						06/23/2021
1,1-Dichloroethane	*	2.0		ND						06/23/2021
1,1-Dichloroethene	*	2.0		ND						06/23/2021
1,1-Dichloropropene	*	2.0		ND						06/23/2021
1,2,3-Trichlorobenzene	*	2.0		ND						06/23/2021
1,2,3-Trichloropropane	*	2.0		ND						06/23/2021
1,2,3-Trimethylbenzene	*	2.0		ND						06/23/2021
1,2,4-Trichlorobenzene	*	2.0		ND						06/23/2021
1,2,4-Trimethylbenzene	*	2.0		ND						06/23/2021
1,2-Dibromo-3-chloropropane	*	5.0		ND						06/23/2021
1,2-Dibromoethane	*	2.0		ND						06/23/2021
1,2-Dichlorobenzene	*	2.0		ND						06/23/2021
1,2-Dichloroethane	*	2.0		ND						06/23/2021
1,2-Dichloropropane	*	2.0		ND						06/23/2021
1,3,5-Trimethylbenzene	*	2.0		ND						06/23/2021
1,3-Dichlorobenzene	*	2.0		ND						06/23/2021
1,3-Dichloropropane	*	2.0		ND						06/23/2021
1,4-Dichlorobenzene	*	2.0		ND						06/23/2021
1-Chlorobutane	*	5.0		ND						06/23/2021
2,2-Dichloropropane	*	2.0		ND						06/23/2021
2-Butanone	*	10.0		ND						06/23/2021
2-Chloroethyl vinyl ether	*	5.0		ND						06/23/2021
2-Chlorotoluene	*	2.0		ND						06/23/2021
2-Hexanone	*	10.0		ND						06/23/2021
2-Nitropropane	*	10.0		ND						06/23/2021
4-Chlorotoluene	*	2.0		ND						06/23/2021
4-Methyl-2-pentanone	*	10.0		ND						06/23/2021
Acetone	*	10.0		ND						06/23/2021
Acetonitrile	*	10.0		ND						06/23/2021
Acrolein	*	20.0		ND						06/23/2021
Acrylonitrile	*	5.0		ND						06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Allyl chloride	*	5.0		ND						06/23/2021
Benzene	*	0.5		ND						06/23/2021
Bromobenzene	*	2.0		ND						06/23/2021
Bromochloromethane	*	2.0		ND						06/23/2021
Bromodichloromethane	*	2.0		ND						06/23/2021
Bromoform	*	2.0		ND						06/23/2021
Bromomethane	*	5.0		ND						06/23/2021
Carbon disulfide	*	2.0		ND						06/23/2021
Carbon tetrachloride	*	2.0		ND						06/23/2021
Chlorobenzene	*	2.0		ND						06/23/2021
Chloroethane	*	2.0		ND						06/23/2021
Chloroform	*	2.0		ND						06/23/2021
Chloromethane	*	5.0		ND						06/23/2021
Chloroprene	*	5.0		ND						06/23/2021
cis-1,2-Dichloroethene	*	2.0		ND						06/23/2021
cis-1,3-Dichloropropene	*	2.0		ND						06/23/2021
cis-1,4-Dichloro-2-butene	*	2.0		ND						06/23/2021
Cyclohexanone	*	20.0		ND						06/23/2021
Dibromochloromethane	*	2.0		ND						06/23/2021
Dibromomethane	*	2.0		ND						06/23/2021
Dichlorodifluoromethane	*	2.0		ND						06/23/2021
Ethyl acetate	*	10.0		ND						06/23/2021
Ethyl ether	*	5.0		ND						06/23/2021
Ethyl methacrylate	*	5.0		ND						06/23/2021
Ethylbenzene	*	2.0		ND						06/23/2021
Hexachlorobutadiene	*	5.0		ND						06/23/2021
Hexachloroethane	*	5.0		ND						06/23/2021
Iodomethane	*	5.0		ND						06/23/2021
Isopropylbenzene	*	2.0		ND						06/23/2021
m,p-Xylenes	*	2.0		ND						06/23/2021
Methacrylonitrile	*	5.0		ND						06/23/2021
Methyl Methacrylate	*	5.0		ND						06/23/2021
Methyl tert-butyl ether	*	2.0		ND						06/23/2021
Methylacrylate	*	5.0		ND						06/23/2021
Methylene chloride	*	2.0		ND						06/23/2021
Naphthalene	*	5.0		ND						06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
n-Butyl acetate	*	2.0		ND						06/23/2021	
n-Butylbenzene	*	2.0		ND						06/23/2021	
n-Heptane	*	5.0		ND						06/23/2021	
n-Hexane	*	5.0		ND						06/23/2021	
Nitrobenzene	*	50.0		ND						06/23/2021	
n-Propylbenzene	*	2.0		ND						06/23/2021	
o-Xylene	*	2.0		ND						06/23/2021	
Pentachloroethane	*	5.0		ND						06/23/2021	
p-Isopropyltoluene	*	2.0		ND						06/23/2021	
Propionitrile	*	10.0		ND						06/23/2021	
sec-Butylbenzene	*	2.0		ND						06/23/2021	
Styrene	*	2.0		ND						06/23/2021	
tert-Butylbenzene	*	2.0		ND						06/23/2021	
Tetrachloroethene	*	0.5		ND						06/23/2021	
Tetrahydrofuran	*	5.0		ND						06/23/2021	
Toluene	*	2.0		ND						06/23/2021	
trans-1,2-Dichloroethene	*	2.0		ND						06/23/2021	
trans-1,3-Dichloropropene	*	2.0		ND						06/23/2021	
trans-1,4-Dichloro-2-butene	*	2.0		ND						06/23/2021	
Trichloroethene	*	2.0		ND						06/23/2021	
Trichlorofluoromethane	*	5.0		ND						06/23/2021	
Vinyl acetate	*	5.0		ND						06/23/2021	
Vinyl chloride	*	2.0		ND						06/23/2021	
Surr: 1,2-Dichloroethane-d4	*			45.1		50.00		90.2	80	120	06/23/2021
Surr: 4-Bromofluorobenzene	*			47.7		50.00		95.4	80	120	06/23/2021
Surr: Dibromofluoromethane	*			48.8		50.00		97.6	80	120	06/23/2021
Surr: Toluene-d8	*			49.2		50.00		98.3	80	120	06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCS	Units	µg/L						Date Analyzed
SampID: LCS-AE210623A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	*	2.0		47.9	50.00	0	95.9	82	113		06/23/2021
1,1,1-Trichloroethane	*	2.0		47.1	50.00	0	94.2	76.9	128		06/23/2021
1,1,2,2-Tetrachloroethane	*	2.0		47.5	50.00	0	95.0	76.7	113		06/23/2021
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		47.4	50.00	0	94.7	69.5	127		06/23/2021
1,1,2-Trichloroethane	*	0.5		48.0	50.00	0	96.1	83.8	111		06/23/2021
1,1-Dichloro-2-propanone	*	30.0		101	125.0	0	80.4	74.9	117		06/23/2021
1,1-Dichloroethane	*	2.0		47.8	50.00	0	95.7	77	129		06/23/2021
1,1-Dichloroethene	*	2.0		46.1	50.00	0	92.1	69.4	127		06/23/2021
1,1-Dichloropropene	*	2.0		48.0	50.00	0	96.0	75.1	123		06/23/2021
1,2,3-Trichlorobenzene	*	2.0		51.2	50.00	0	102.4	77.3	121		06/23/2021
1,2,3-Trichloropropane	*	2.0		44.9	50.00	0	89.9	75.3	109		06/23/2021
1,2,3-Trimethylbenzene	*	2.0		46.6	50.00	0	93.1	77	115		06/23/2021
1,2,4-Trichlorobenzene	*	2.0		51.1	50.00	0	102.3	76.8	124		06/23/2021
1,2,4-Trimethylbenzene	*	2.0		48.3	50.00	0	96.6	75	115		06/23/2021
1,2-Dibromo-3-chloropropane	*	5.0		43.5	50.00	0	87.0	71.9	119		06/23/2021
1,2-Dibromoethane	*	2.0		47.9	50.00	0	95.7	83.6	110		06/23/2021
1,2-Dichlorobenzene	*	2.0		49.0	50.00	0	98.0	72.1	113		06/23/2021
1,2-Dichloroethane	*	2.0		42.3	50.00	0	84.6	72.3	117		06/23/2021
1,2-Dichloropropane	*	2.0		47.1	50.00	0	94.2	76.5	119		06/23/2021
1,3,5-Trimethylbenzene	*	2.0		47.9	50.00	0	95.7	75.2	117		06/23/2021
1,3-Dichlorobenzene	*	2.0		49.9	50.00	0	99.7	75.2	115		06/23/2021
1,3-Dichloropropane	*	2.0		48.2	50.00	0	96.5	80.9	110		06/23/2021
1,4-Dichlorobenzene	*	2.0		48.7	50.00	0	97.4	73.9	112		06/23/2021
1-Chlorobutane	*	5.0		49.0	50.00	0	98.0	74.9	130		06/23/2021
2,2-Dichloropropane	*	2.0		46.5	50.00	0	93.0	66.5	138		06/23/2021
2-Butanone	*	10.0		113	125.0	0	90.1	68.8	134		06/23/2021
2-Chloroethyl vinyl ether	*	5.0		68.3	50.00	0	136.6	17.8	163		06/23/2021
2-Chlorotoluene	*	2.0		47.9	50.00	0	95.7	74.9	115		06/23/2021
2-Hexanone	*	10.0		110	125.0	0	87.9	73.2	117		06/23/2021
2-Nitropropane	*	10.0		427	500.0	0	85.5	67.1	140		06/23/2021
4-Chlorotoluene	*	2.0		47.5	50.00	0	95.0	75.7	113		06/23/2021
4-Methyl-2-pentanone	*	10.0		115	125.0	0	92.1	77	113		06/23/2021
Acetone	*	10.0		112	125.0	0	89.3	61.4	130		06/23/2021
Acetonitrile	*	10.0		525	500.0	0	105.0	68.8	136		06/23/2021
Acrolein	*	20.0		430	500.0	0	86.0	28.4	168		06/23/2021
Acrylonitrile	*	5.0		48.0	50.00	0	96.0	77.9	124		06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCS	Units	µg/L						Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Allyl chloride		*	5.0		<b>48.0</b>	50.00	0	96.1	75.8	130	06/23/2021
Benzene		*	0.5		<b>48.8</b>	50.00	0	97.5	78.5	119	06/23/2021
Bromobenzene		*	2.0		<b>49.9</b>	50.00	0	99.7	77.5	113	06/23/2021
Bromochloromethane		*	2.0		<b>46.4</b>	50.00	0	92.9	71.5	123	06/23/2021
Bromodichloromethane		*	2.0		<b>45.9</b>	50.00	0	91.8	75.7	123	06/23/2021
Bromoform		*	2.0		<b>47.0</b>	50.00	0	94.1	78.9	121	06/23/2021
Bromomethane		*	5.0		<b>47.3</b>	50.00	0	94.6	30.5	192	06/23/2021
Carbon disulfide		*	2.0		<b>46.6</b>	50.00	0	93.1	66.7	121	06/23/2021
Carbon tetrachloride		*	2.0		<b>44.9</b>	50.00	0	89.8	70.9	127	06/23/2021
Chlorobenzene		*	2.0		<b>48.3</b>	50.00	0	96.6	80	111	06/23/2021
Chloroethane		*	2.0		<b>49.4</b>	50.00	0	98.7	69.6	135	06/23/2021
Chloroform		*	2.0		<b>46.1</b>	50.00	0	92.1	76.2	120	06/23/2021
Chloromethane		*	5.0		<b>42.4</b>	50.00	0	84.9	50.9	138	06/23/2021
Chloroprene		*	5.0		<b>46.6</b>	50.00	0	93.1	68.4	127	06/23/2021
cis-1,2-Dichloroethene		*	2.0		<b>49.0</b>	50.00	0	98.0	79.5	121	06/23/2021
cis-1,3-Dichloropropene		*	2.0		<b>48.0</b>	50.00	0	95.9	79.8	123	06/23/2021
cis-1,4-Dichloro-2-butene		*	2.0		<b>42.8</b>	50.00	0	85.6	64.6	130	06/23/2021
Cyclohexanone		*	20.0		<b>430</b>	500.0	0	86.0	70.5	114	06/23/2021
Dibromochloromethane		*	2.0		<b>46.0</b>	50.00	0	92.0	84.5	114	06/23/2021
Dibromomethane		*	2.0		<b>45.3</b>	50.00	0	90.7	76	119	06/23/2021
Dichlorodifluoromethane		*	2.0		<b>51.0</b>	50.00	0	101.9	46.6	142	06/23/2021
Ethyl acetate		*	10.0		<b>48.0</b>	50.00	0	96.0	70.3	115	06/23/2021
Ethyl ether		*	5.0		<b>45.0</b>	50.00	0	90.0	74.6	120	06/23/2021
Ethyl methacrylate		*	5.0		<b>45.8</b>	50.00	0	91.5	81.4	116	06/23/2021
Ethylbenzene		*	2.0		<b>48.1</b>	50.00	0	96.2	78.2	114	06/23/2021
Hexachlorobutadiene		*	5.0		<b>48.6</b>	50.00	0	97.2	73.9	129	06/23/2021
Hexachloroethane		*	5.0		<b>46.2</b>	50.00	0	92.3	78.3	123	06/23/2021
Iodomethane		*	5.0		<b>38.7</b>	50.00	0	77.4	50	151	06/23/2021
Isopropylbenzene		*	2.0		<b>48.5</b>	50.00	0	97.0	79.3	115	06/23/2021
m,p-Xylenes		*	2.0		<b>95.9</b>	100.0	0	95.9	77.2	116	06/23/2021
Methacrylonitrile		*	5.0		<b>49.8</b>	50.00	0	99.7	73.9	127	06/23/2021
Methyl Methacrylate		*	5.0		<b>43.5</b>	50.00	0	87.0	70.7	129	06/23/2021
Methyl tert-butyl ether		*	2.0		<b>48.4</b>	50.00	0	96.8	80.3	122	06/23/2021
Methylacrylate		*	5.0		<b>48.1</b>	50.00	0	96.1	75.2	124	06/23/2021
Methylene chloride		*	2.0		<b>48.4</b>	50.00	0	96.9	71.8	115	06/23/2021
Naphthalene		*	5.0		<b>48.1</b>	50.00	0	96.2	75.6	121	06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCS	Units	µg/L						
Analyses	Cert	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
n-Butyl acetate	*	2.0		<b>45.3</b>	50.00	0		90.7	72.4	118	06/23/2021
n-Butylbenzene	*	2.0		<b>47.4</b>	50.00	0		94.7	70.8	118	06/23/2021
n-Heptane	*	5.0		<b>46.3</b>	50.00	0		92.6	50.4	143	06/23/2021
n-Hexane	*	5.0		<b>44.0</b>	50.00	0		88.0	60.6	139	06/23/2021
Nitrobenzene	*	50.0		<b>430</b>	500.0	0		86.0	49.4	129	06/23/2021
n-Propylbenzene	*	2.0		<b>48.5</b>	50.00	0		97.0	74	119	06/23/2021
o-Xylene	*	2.0		<b>47.2</b>	50.00	0		94.3	79.2	112	06/23/2021
Pentachloroethane	*	5.0		<b>49.3</b>	50.00	0		98.7	71.8	124	06/23/2021
p-Isopropyltoluene	*	2.0		<b>48.1</b>	50.00	0		96.2	74.4	119	06/23/2021
Propionitrile	*	10.0		<b>494</b>	500.0	0		98.8	76.2	127	06/23/2021
sec-Butylbenzene	*	2.0		<b>49.8</b>	50.00	0		99.7	74.4	119	06/23/2021
Styrene	*	2.0		<b>48.8</b>	50.00	0		97.6	80.4	117	06/23/2021
tert-Butylbenzene	*	2.0		<b>45.8</b>	50.00	0		91.6	74	115	06/23/2021
Tetrachloroethene	*	0.5		<b>50.9</b>	50.00	0		101.9	70.1	120	06/23/2021
Tetrahydrofuran	*	5.0		<b>45.0</b>	50.00	0		90.0	63.5	122	06/23/2021
Toluene	*	2.0		<b>49.4</b>	50.00	0		98.8	78.6	112	06/23/2021
trans-1,2-Dichloroethene	*	2.0		<b>47.1</b>	50.00	0		94.1	75.7	130	06/23/2021
trans-1,3-Dichloropropene	*	2.0		<b>46.6</b>	50.00	0		93.2	80.3	116	06/23/2021
trans-1,4-Dichloro-2-butene	*	2.0		<b>43.4</b>	50.00	0		86.8	65.5	124	06/23/2021
Trichloroethene	*	2.0		<b>48.4</b>	50.00	0		96.8	76.2	121	06/23/2021
Trichlorofluoromethane	*	5.0		<b>47.7</b>	50.00	0		95.5	71.1	131	06/23/2021
Vinyl acetate	*	5.0		<b>47.7</b>	50.00	0		95.3	79.8	129	06/23/2021
Vinyl chloride	*	2.0		<b>45.4</b>	50.00	0		90.8	58.6	141	06/23/2021
Surr: 1,2-Dichloroethane-d4	*			<b>45.1</b>	50.00			90.2	80	120	06/23/2021
Surr: 4-Bromofluorobenzene	*			<b>48.2</b>	50.00			96.3	80	120	06/23/2021
Surr: Dibromofluoromethane	*			<b>49.5</b>	50.00			99.0	80	120	06/23/2021
Surr: Toluene-d8	*			<b>49.6</b>	50.00			99.2	80	120	06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AE210623A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1,1,2-Tetrachloroethane	*	2.0		47.5	50.00	0	95.0	47.94	0.96		06/23/2021
1,1,1-Trichloroethane	*	2.0		46.1	50.00	0	92.3	47.10	2.08		06/23/2021
1,1,2,2-Tetrachloroethane	*	2.0		46.8	50.00	0	93.7	47.49	1.40		06/23/2021
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		46.8	50.00	0	93.6	47.36	1.19		06/23/2021
1,1,2-Trichloroethane	*	0.5		47.3	50.00	0	94.6	48.04	1.57		06/23/2021
1,1-Dichloro-2-propanone	*	30.0		98.0	125.0	0	78.4	100.5	2.57		06/23/2021
1,1-Dichloroethane	*	2.0		46.6	50.00	0	93.2	47.85	2.65		06/23/2021
1,1-Dichloroethene	*	2.0		45.0	50.00	0	90.0	46.07	2.39		06/23/2021
1,1-Dichloropropene	*	2.0		47.2	50.00	0	94.3	48.02	1.81		06/23/2021
1,2,3-Trichlorobenzene	*	2.0		49.5	50.00	0	99.1	51.18	3.28		06/23/2021
1,2,3-Trichloropropane	*	2.0		43.5	50.00	0	87.0	44.93	3.23		06/23/2021
1,2,3-Trimethylbenzene	*	2.0		45.8	50.00	0	91.5	46.55	1.73		06/23/2021
1,2,4-Trichlorobenzene	*	2.0		50.3	50.00	0	100.6	51.14	1.70		06/23/2021
1,2,4-Trimethylbenzene	*	2.0		47.0	50.00	0	94.0	48.29	2.73		06/23/2021
1,2-Dibromo-3-chloropropane	*	5.0		43.4	50.00	0	86.8	43.48	0.18		06/23/2021
1,2-Dibromoethane	*	2.0		47.2	50.00	0	94.5	47.86	1.33		06/23/2021
1,2-Dichlorobenzene	*	2.0		47.9	50.00	0	95.7	48.98	2.29		06/23/2021
1,2-Dichloroethane	*	2.0		41.9	50.00	0	83.8	42.31	1.02		06/23/2021
1,2-Dichloropropane	*	2.0		47.0	50.00	0	94.1	47.12	0.15		06/23/2021
1,3,5-Trimethylbenzene	*	2.0		46.4	50.00	0	92.7	47.86	3.21		06/23/2021
1,3-Dichlorobenzene	*	2.0		48.7	50.00	0	97.4	49.86	2.33		06/23/2021
1,3-Dichloropropane	*	2.0		47.2	50.00	0	94.5	48.24	2.12		06/23/2021
1,4-Dichlorobenzene	*	2.0		47.3	50.00	0	94.5	48.72	3.02		06/23/2021
1-Chlorobutane	*	5.0		47.7	50.00	0	95.5	48.98	2.56		06/23/2021
2,2-Dichloropropane	*	2.0		45.7	50.00	0	91.3	46.49	1.80		06/23/2021
2-Butanone	*	10.0		115	125.0	0	92.0	112.6	2.09		06/23/2021
2-Chloroethyl vinyl ether	*	5.0		67.1	50.00	0	134.3	68.32	1.74		06/23/2021
2-Chlorotoluene	*	2.0		46.6	50.00	0	93.1	47.86	2.78		06/23/2021
2-Hexanone	*	10.0		110	125.0	0	88.3	109.8	0.45		06/23/2021
2-Nitropropane	*	10.0		434	500.0	0	86.7	427.4	1.44		06/23/2021
4-Chlorotoluene	*	2.0		46.0	50.00	0	92.0	47.50	3.23		06/23/2021
4-Methyl-2-pentanone	*	10.0		115	125.0	0	91.6	115.1	0.46		06/23/2021
Acetone	*	10.0		115	125.0	0	92.2	111.6	3.14		06/23/2021
Acetonitrile	*	10.0		535	500.0	0	107.0	524.8	1.95		06/23/2021
Acrolein	*	20.0		437	500.0	0	87.4	430.1	1.56		06/23/2021
Acrylonitrile	*	5.0		48.4	50.00	0	96.8	47.98	0.85		06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AE210623A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Allyl chloride	*	5.0		47.2	50.00	0	94.4	48.03	1.70		06/23/2021
Benzene	*	0.5		48.0	50.00	0	96.0	48.76	1.61		06/23/2021
Bromobenzene	*	2.0		48.4	50.00	0	96.8	49.87	2.97		06/23/2021
Bromochloromethane	*	2.0		45.5	50.00	0	91.0	46.43	2.05		06/23/2021
Bromodichloromethane	*	2.0		45.7	50.00	0	91.3	45.89	0.50		06/23/2021
Bromoform	*	2.0		47.0	50.00	0	94.0	47.04	0.13		06/23/2021
Bromomethane	*	5.0		51.5	50.00	0	103.0	47.28	8.51		06/23/2021
Carbon disulfide	*	2.0		45.2	50.00	0	90.4	46.57	2.99		06/23/2021
Carbon tetrachloride	*	2.0		43.6	50.00	0	87.3	44.91	2.89		06/23/2021
Chlorobenzene	*	2.0		46.9	50.00	0	93.7	48.29	3.01		06/23/2021
Chloroethane	*	2.0		48.4	50.00	0	96.8	49.35	1.94		06/23/2021
Chloroform	*	2.0		45.8	50.00	0	91.6	46.07	0.61		06/23/2021
Chloromethane	*	5.0		41.3	50.00	0	82.6	42.43	2.75		06/23/2021
Chloroprene	*	5.0		45.9	50.00	0	91.8	46.55	1.43		06/23/2021
cis-1,2-Dichloroethene	*	2.0		48.6	50.00	0	97.3	48.99	0.70		06/23/2021
cis-1,3-Dichloropropene	*	2.0		47.7	50.00	0	95.4	47.96	0.52		06/23/2021
cis-1,4-Dichloro-2-butene	*	2.0		42.6	50.00	0	85.1	42.81	0.59		06/23/2021
Cyclohexanone	*	20.0		436	500.0	0	87.1	429.9	1.32		06/23/2021
Dibromochloromethane	*	2.0		45.5	50.00	0	91.0	46.01	1.11		06/23/2021
Dibromomethane	*	2.0		45.2	50.00	0	90.4	45.33	0.27		06/23/2021
Dichlorodifluoromethane	*	2.0		49.5	50.00	0	99.0	50.96	2.87		06/23/2021
Ethyl acetate	*	10.0		47.9	50.00	0	95.7	47.99	0.27		06/23/2021
Ethyl ether	*	5.0		44.7	50.00	0	89.3	44.98	0.69		06/23/2021
Ethyl methacrylate	*	5.0		45.1	50.00	0	90.3	45.77	1.41		06/23/2021
Ethylbenzene	*	2.0		46.8	50.00	0	93.5	48.08	2.76		06/23/2021
Hexachlorobutadiene	*	5.0		46.4	50.00	0	92.9	48.58	4.53		06/23/2021
Hexachloroethane	*	5.0		44.7	50.00	0	89.4	46.17	3.24		06/23/2021
Iodomethane	*	5.0		35.7	50.00	0	71.3	38.69	8.12		06/23/2021
Isopropylbenzene	*	2.0		47.3	50.00	0	94.6	48.52	2.50		06/23/2021
m,p-Xylenes	*	2.0		93.1	100.0	0	93.1	95.92	3.01		06/23/2021
Methacrylonitrile	*	5.0		50.2	50.00	0	100.4	49.84	0.74		06/23/2021
Methyl Methacrylate	*	5.0		44.0	50.00	0	88.1	43.48	1.28		06/23/2021
Methyl tert-butyl ether	*	2.0		48.3	50.00	0	96.7	48.42	0.17		06/23/2021
Methylacrylate	*	5.0		48.4	50.00	0	96.8	48.07	0.73		06/23/2021
Methylene chloride	*	2.0		48.1	50.00	0	96.2	48.45	0.77		06/23/2021
Naphthalene	*	5.0		47.1	50.00	0	94.2	48.08	2.04		06/23/2021



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 21061465

Client Project: Ameren Huster Road GW

Report Date: 30-Jun-21

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	179147	SampType:	LCSD	Units	µg/L	RPD Limit 15.4					Date Analyzed
SampID: LCSD-AE210623A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
n-Butyl acetate	*	2.0		<b>45.1</b>	50.00	0	90.2	45.34	0.53		06/23/2021
n-Butylbenzene	*	2.0		<b>45.7</b>	50.00	0	91.4	47.35	3.57		06/23/2021
n-Heptane	*	5.0		<b>44.5</b>	50.00	0	89.0	46.28	3.92		06/23/2021
n-Hexane	*	5.0		<b>42.8</b>	50.00	0	85.5	44.00	2.84		06/23/2021
Nitrobenzene	*	50.0		<b>432</b>	500.0	0	86.5	430.1	0.51		06/23/2021
n-Propylbenzene	*	2.0		<b>46.4</b>	50.00	0	92.8	48.52	4.47		06/23/2021
o-Xylene	*	2.0		<b>46.2</b>	50.00	0	92.3	47.17	2.16		06/23/2021
Pentachloroethane	*	5.0		<b>47.9</b>	50.00	0	95.9	49.34	2.88		06/23/2021
p-Isopropyltoluene	*	2.0		<b>46.7</b>	50.00	0	93.5	48.09	2.87		06/23/2021
Propionitrile	*	10.0		<b>508</b>	500.0	0	101.6	493.8	2.80		06/23/2021
sec-Butylbenzene	*	2.0		<b>47.9</b>	50.00	0	95.8	49.85	3.97		06/23/2021
Styrene	*	2.0		<b>47.8</b>	50.00	0	95.6	48.81	2.05		06/23/2021
tert-Butylbenzene	*	2.0		<b>44.7</b>	50.00	0	89.3	45.78	2.45		06/23/2021
Tetrachloroethene	*	0.5		<b>49.0</b>	50.00	0	98.1	50.94	3.78		06/23/2021
Tetrahydrofuran	*	5.0		<b>45.7</b>	50.00	0	91.4	44.99	1.54		06/23/2021
Toluene	*	2.0		<b>48.2</b>	50.00	0	96.4	49.38	2.46		06/23/2021
trans-1,2-Dichloroethene	*	2.0		<b>45.8</b>	50.00	0	91.6	47.07	2.78		06/23/2021
trans-1,3-Dichloropropene	*	2.0		<b>45.8</b>	50.00	0	91.7	46.62	1.71		06/23/2021
trans-1,4-Dichloro-2-butene	*	2.0		<b>42.5</b>	50.00	0	85.0	43.38	2.10		06/23/2021
Trichloroethene	*	2.0		<b>47.5</b>	50.00	0	95.0	48.42	1.96		06/23/2021
Trichlorofluoromethane	*	5.0		<b>46.4</b>	50.00	0	92.8	47.73	2.78		06/23/2021
Vinyl acetate	*	5.0		<b>47.6</b>	50.00	0	95.1	47.66	0.23		06/23/2021
Vinyl chloride	*	2.0		<b>44.6</b>	50.00	0	89.1	45.41	1.91		06/23/2021
Surr: 1,2-Dichloroethane-d4	*			<b>45.6</b>	50.00		91.2				06/23/2021
Surr: 4-Bromofluorobenzene	*			<b>48.0</b>	50.00		95.9				06/23/2021
Surr: Dibromofluoromethane	*			<b>50.0</b>	50.00		100.1				06/23/2021
Surr: Toluene-d8	*			<b>49.2</b>	50.00		98.3				06/23/2021

## Receiving Check List

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 21061465

**Client Project:** Ameren Huster Road GW

**Report Date:** 30-Jun-21

**Carrier:** Reginald Gardner

**Received By:** PRY

**Completed by:**

**On:**

23-Jun-21

*Mary E. Kemp*

Mary E. Kemp

**Reviewed by:**

**On:**

23-Jun-21

*Elizabeth A. Hurley*

Elizabeth A. Hurley

**Pages to follow:** Chain of custody

Extra pages included

	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C <input type="text" value="5.0"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>		
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water – at least one vial per sample has zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	

**Any No responses must be detailed below or on the COC.**

# CHAIN OF CUSTODY

pg. \_\_\_\_\_ of \_\_\_\_\_ Work order # 21061465

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

<b>Client:</b> XDD, LLC <b>Address:</b> 11171 Forest Haven Road <b>City / State / Zip:</b> Festus, MO 63028 <b>Contact:</b> Derek Ingram <b>E-Mail:</b> ingram@xdd-ic.com		<b>Samples on:</b> <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE <span style="float: right;"><u>5°C</u> LTG# <u>3</u></span> <b>Preserved In:</b> <input checked="" type="checkbox"/> LAB <input type="checkbox"/> FIELD <span style="float: right;"><b>FOR LAB USE ONLY</b></span> <b>Lab Notes:</b> <b>Client Comments:</b>																	
Are these samples known to be involved in litigation? If yes, a surcharge will apply <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are these samples known to be hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
<b>Project Name/Number</b> Ameren Huster Road GW		<b>Sample Collector's Name</b> <i>Reginald Gardner</i>																	
<b>Results Requested</b> <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (10% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)		<b>Billing Instructions</b>																	
		<b># and Type of Containers</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>UNPRES</td> <td>HNO3</td> <td>NaOH</td> <td>H2SO4</td> <td>HCl</td> <td>MeOH</td> <td>NaHSO4</td> <td>OTHER</td> </tr> </table>		UNPRES	HNO3	NaOH	H2SO4	HCl	MeOH	NaHSO4	OTHER								
UNPRES	HNO3	NaOH	H2SO4	HCl	MeOH	NaHSO4	OTHER												
<b>Lab Use Only</b>		<b>Date/Time Sampled</b>		<b>MATRIX</b>		<b>INDICATE ANALYSIS REQUESTED</b>													
21061465-001 MW-7 6/22/21 @ 1240		2		<b>Aqueous</b> <b>Drinking Water</b>	<b>Soil</b>	<b>Sludge</b>	<b>Special Waste</b>	<b>Groundwater</b>	<b>VOCs</b>										
002 PZ-12 6/22/21 @ 1340		2		✓	✓														
003 PZ-2 6/22/21 @ 1440		2		✓	✓														
004 PZ-3 6/22/21 @ 1530		2		✓	✓														
005 PZ-11 6/22/21 @ 1600		2		✓	✓														
<b>Released By</b> <i>R. O. C.</i>		<b>Date/Time</b> <i>6/23/21 @ 1215</i>		<b>Received By</b> <i>Wayne R.</i>		<b>Date/Time</b> <i>6/23/21 1215</i>													